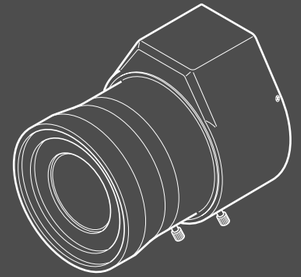
SAMSUNG TECHWIN

CCD CAMERA LENS
(Vari-Focal Lens)
Instruction Manual
SLA-2810D
SLM-2810



SAMSUNG CCTV LENS

CCTV LENS

SAMSUNG AUTO IRIS LENS for CCD CAMERA

OPERATING INSTRUCTIONS (SLA-2810D Only)

SAMSUNG Lens is aimed at sharp, crisp images and exposure accuracy under even the most adverse lighting conditions.
The iris auto-close function protects imagers and optical filters from extreme high lights when power is off.

To receive the best possible results, read the instruction manual carefully before using the lens.

CONTENTS

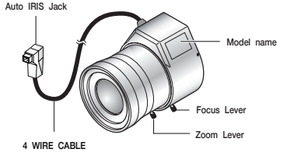
- LENS 3
- PART NAMES AND FUNCTION 3
- IRIS 3
- HOW TO ASSEMBLE LENS AND CS MOUNT CAMERA 4
- LINE BOUNDS 4
- CONNECTION 4
- SPECIFICATIONS 5

※ Specifications are subject to change without prior notice.

(1) LENS

This lens embeds ND filter and takes auto iris function by Galvanometer.
And apply this lens to CCD camera that use CS mount which equip 1/3″ CCD element and embed DC iris drive curcuit.
It has self focus and mount control function, operates DC iris function through lens and attached cable.

(2) PART NAMES AND FUNCTION



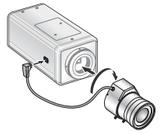
(3) IRIS

This lens have a built-in ND filter and iris by Galvanometer
This iris tool is driven by inner circuit of camera.
If power is off, its state is locked.

(4) HOW TO ASSEMBLE LENS AND CS MOUNT CAMERA

① Set Lens selection switch (DC/video) to DC location(picture 1)
② Turn the lens clockwise to lock onto camera part mount screw. (When the lens locks successfully , it can turn around SLIP state)
③ Turn clockwise until stop by stopper even if it almost SLIP state.
④ From that point, if turn it anticlockwise, it moves 340 degree in SLIP state. Then set the direction as want within that range
⑤ Turn focus lever to adjust
⑥ Finally connect of lens cable to connector of camera(picture 2)

(picture 1)



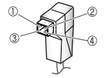
(picture 2)

Caution

This lens takes CS mount type so should be used 12.5mm FLANGE-BACK setting camera.

(5) LINE BOUNDS

① RED : Damping (-)
② BLACK : Damping (+)
③ WHITE : Drive (+)
④ GREEN : Drive (-)



● SPECIFICATION

Model Name	SLA-2810D	SLM-2810
Focal Lenghth	2.8～10mm	2.8～10mm
F/No.	1.4	1.4
Mount Type	CS	CS
Image Format(Inch)	1/3″	1/3″
Angle of View	104° ～36°	104° ～36°
Back Focal Length	7.8～17mm	7.8～17mm
Iris	DC Type	Manual
DC Iris Supplied Voltage	MAX. DC 4V	-
Operating Temp.	-10° ～+50° C	-10° ～+50° C
Dimension	60.3(L)X40(W)X46(H)	60.3(L)X ø 34.5
Weight	65g	55g

SALES NETWORK

• SAMSUNG TECHWIN CO., LTD
145-3, SANGDAEWON1-DONG, JUNGWON-GU,
SUNGNAM-CITY, KYUNGKI-DO, KOREA 462-121
TEL : 82-31-740-8137~8141 FAX: 82-31-740-8145
• SAMSUNG OPTO-ELECTRONICS AMERICA INC.
CLOSED CIRCUIT VIDEO DIV.
40 SEAVIEW DRIVE, SECAUCUS N.J 07094, U.S.A.
TEL : 201-902-0347 FAX : 201-902-9342

DECLARATION OF CONFORMITY

Application of Council Directive(s)	89/336/EEC
Manufacturer's Name	SAMSUNG TECHWIN CO., LTD
Manufacturer's Address	SAMSUNG TECHWIN CO., LTD 42, SUNGJU-DONG CHANGWON-CITY, KYUNGNAM, KOREA, 641-120
European Representative Name	
European Representative Address	
Equipment Type/Environment	CCTV CAMERA LENS
Model Name	SLA-2810D, SLM-2810
Beginning Serial NO.	J3010001
Year of Manufacture	2003
Conformance to	EN 55022 : 1998 Class A EN 50130-4 : 1995 / A1 : 1998

We, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s).

Manufacturer	SAMSUNG TECHWIN CO., LTD	
	Legal Representative in Europe	
Signature	Young Taek, SON	Signature
Full Name	SON YOUNG TAEK	Full Name
Position	QUALITY CONTROL MANAGER	Position
Place	CHANGWON, KOREA	Place
Date	2003. 01. 06	Date